

1/13

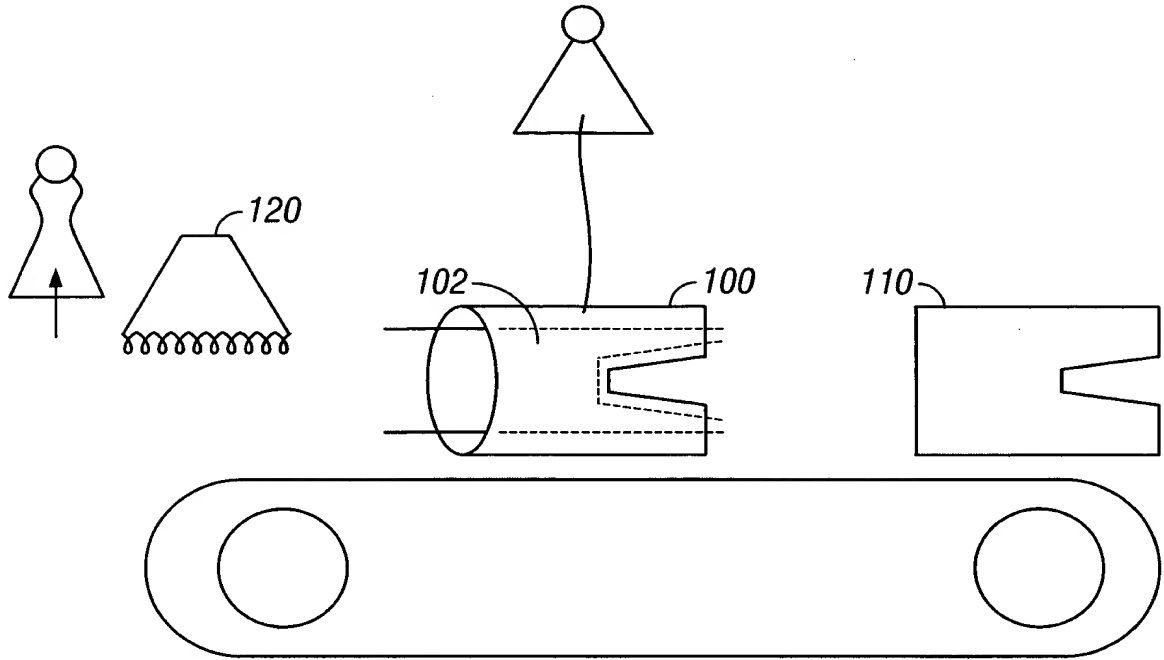


FIG. 1

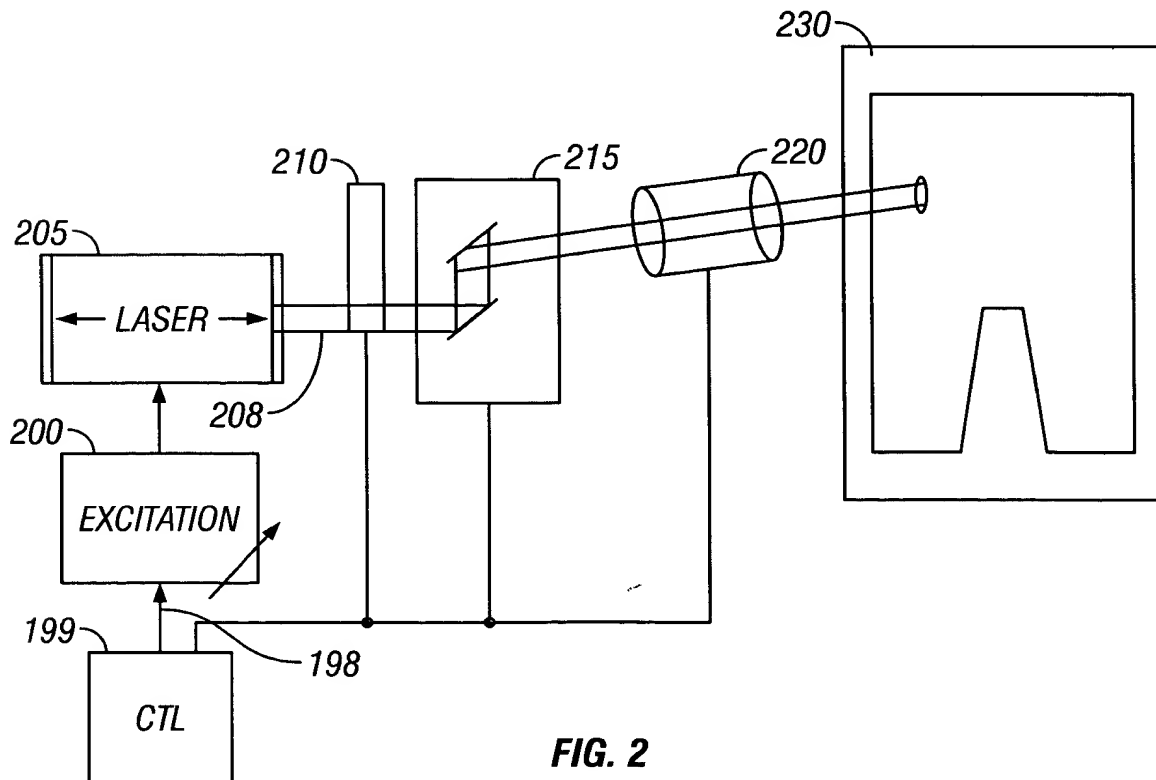


FIG. 2

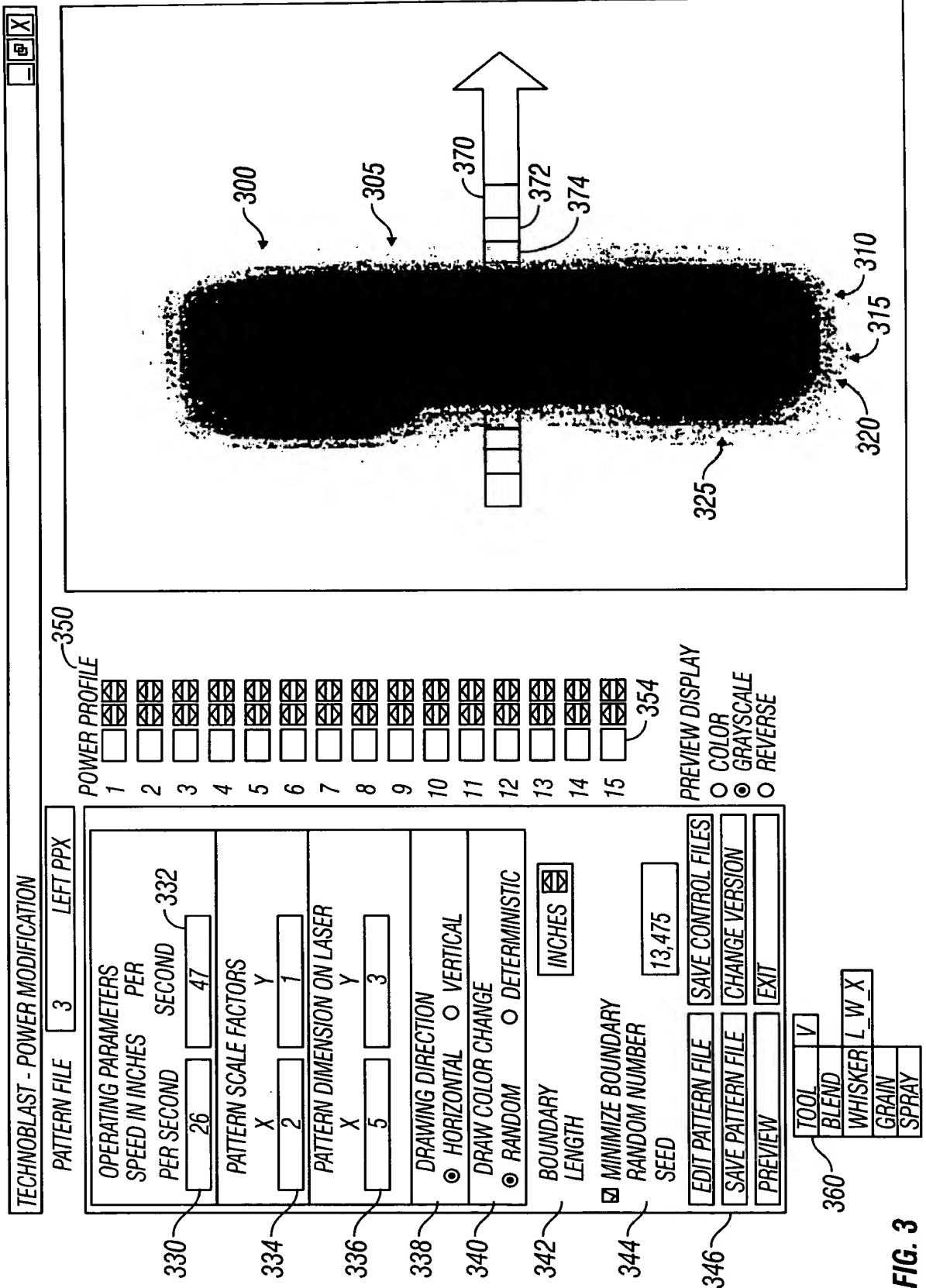


FIG. 3

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	2 LEFT PPX
<div>OPERATING PARAMETERS</div> <div>SPEED IN INCHES LASER</div> <div>PER SECOND SCALE FACTOR</div> <div>1 5</div>	
<div>PATTERN SCALE FACTORS</div> <div>X Y</div> <div>1 6</div>	
<div>PATTERN DIMENSION ON LASER</div> <div>X Y</div> <div>1 2616</div>	
<div>DRAWING DIRECTION</div> <div><input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div>	
<div>DRAW COLOR CHANGE</div> <div><input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div>	
<div>BOUNDARY LENGTH</div> <div>INCHES</div>	
<div><input checked="" type="checkbox"/> MINIMISE BOUNDARY</div> <div>RANDOM NUMBER</div> <div>SEED</div>	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE	
1	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input checked="" type="checkbox"/>
4	<input checked="" type="checkbox"/>
5	<input checked="" type="checkbox"/>
6	<input checked="" type="checkbox"/>
7	<input checked="" type="checkbox"/>
8	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>
10	<input checked="" type="checkbox"/>
11	<input checked="" type="checkbox"/>
12	<input checked="" type="checkbox"/>
13	<input checked="" type="checkbox"/>
14	<input checked="" type="checkbox"/>
15	<input checked="" type="checkbox"/>

PREVIEW DISPLAY

☐ COLOR

☒ GRAYSCALE

☐ REVERSE

FIG. 4

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
<div>OPERATING PARAMETERS</div> <div>SPEED IN INCHES LASER</div> <div>PER SECOND SCALE FACTOR</div> <div>2 47</div>	
<div>PATTERN SCALE FACTORS</div> <div>X Y</div> <div>4 6</div>	
<div>PATTERN DIMENSION ON LASER</div> <div>X Y</div> <div>73 124</div>	
<div>DRAWING DIRECTION</div> <div><input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div>	
<div>DRAW COLOR CHANGE</div> <div><input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div>	
BOUNDARY LENGTH	INCHES
<input checked="" type="checkbox"/> MINIMISE BOUNDARY	
RANDOM NUMBER	1347
SEED	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE	
1	<input type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>
5	<input type="checkbox"/>
6	<input type="checkbox"/>
7	<input type="checkbox"/>
8	<input type="checkbox"/>
9	<input type="checkbox"/>
10	<input type="checkbox"/>
11	<input type="checkbox"/>
12	<input type="checkbox"/>
13	<input type="checkbox"/>
14	<input type="checkbox"/>
15	<input type="checkbox"/>

PREVIEW DISPLAY

☐ COLOR

☒ GRAYSCALE

☐ REVERSE

FIG. 5

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
<div>OPERATING PARAMETERS SPEED IN INCHES LASER PER SECOND SCALE 1 2</div>	
<div>PATTERN SCALE FACTORS X Y 3 4</div>	
<div>PATTERN DIMENSION ON LASER X Y 53 252</div>	
<div>DRAWING DIRECTION <input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div>	
<div>DRAW COLOR CHANGE <input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div>	
<div>BOUNDARY LENGTH 0.7 INCHES</div>	
<div><input checked="" type="checkbox"/> MINIMISE BOUNDARY RANDOM NUMBER SEED 13776</div>	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

PREVIEW DISPLAY
☐ COLOR
☒ GRAYSCALE
☐ REVERSE




FIG. 6

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
<div>OPERATING PARAMETERS</div> <div>SPEED IN INCHES LASER</div> <div>PER SECOND SCALE FACTOR</div> <div>41 42</div>	
<div>PATTERN SCALE FACTORS</div> <div>X Y</div> <div>53 21</div>	
<div>PATTERN DIMENSION ON LASER</div> <div>X Y</div> <div>1 1</div>	
<div>DRAWING DIRECTION</div> <div><input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div>	
<div>DRAW COLOR CHANGE</div> <div><input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div>	
BOUNDARY LENGTH	0.7 INCHES
<input checked="" type="checkbox"/> MINIMISE BOUNDARY	
RANDOM NUMBER	13776
SEED	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE	
1	<input type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>
5	<input type="checkbox"/>
6	<input type="checkbox"/>
7	<input type="checkbox"/>
8	<input type="checkbox"/>
9	<input type="checkbox"/>
10	<input type="checkbox"/>
11	<input type="checkbox"/>
12	<input type="checkbox"/>
13	<input type="checkbox"/>
14	<input type="checkbox"/>
15	<input type="checkbox"/>

PREVIEW DISPLAY	
<input type="radio"/> COLOR	
<input checked="" type="radio"/> GRAYSCALE	
<input type="radio"/> REVERSE	

FIG. 7

TECHNOBLAST - POWER MODIFICATION	
<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black; margin-bottom: 10px;"> PATTERN FILES LEFT PPX </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>OPERATING PARAMETERS</p> <p>SPEED IN INCHES LASER PER SECOND SCALE FACTOR</p> <div style="display: flex; justify-content: space-between;"> 1 2 </div> </div> <div style="width: 45%;"> <p>PATTERN SCALE FACTORS</p> <p>X Y</p> <div style="display: flex; justify-content: space-between;"> 3 4 </div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PATTERN DIMENSION ON LASER</p> <p>X Y</p> <div style="display: flex; justify-content: space-between;"> 9 6 </div> </div> <div style="width: 45%;"> <p>DRAWING DIRECTION</p> <p><input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DRAW COLOR CHANGE</p> <p><input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</p> </div> <div style="width: 45%;"> <p>BOUNDARY LENGTH</p> <div style="border: 1px solid black; padding: 2px; width: 100px;">0.7 INCHES</div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> MINIMISE BOUNDARY</p> <p>RANDOM NUMBER</p> <div style="border: 1px solid black; padding: 2px; width: 100px;">13776</div> </div> <div style="width: 45%;"> <p>SEED</p> <div style="border: 1px solid black; padding: 2px; width: 100px;">13776</div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>EDIT PATTERN FILE</p> <p>SAVE PATTERN FILE</p> <p>PREVIEW</p> </div> <div style="width: 45%;"> <p>SAVE CONTROL FILES</p> <p>CHANGE VERSION</p> <p>EXIT</p> </div> </div>	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p>POWER PROFILE</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-between; width: 100%;"> <div style="width: 45%;">1</div> <div style="width: 45%;">2</div> </div> <div style="width: 45%;">3</div> <div style="width: 45%;">4</div> <div style="width: 45%;">5</div> <div style="width: 45%;">6</div> <div style="width: 45%;">7</div> <div style="width: 45%;">8</div> <div style="width: 45%;">9</div> <div style="width: 45%;">10</div> <div style="width: 45%;">11</div> <div style="width: 45%;">12</div> <div style="width: 45%;">13</div> <div style="width: 45%;">14</div> <div style="width: 45%;">15</div> </div> </div> <div style="width: 45%;"> <p>PREVIEW DISPLAY</p> <p><input type="radio"/> COLOR</p> <p><input checked="" type="radio"/> GRAYSCALE</p> <p><input type="radio"/> REVERSE</p> </div> </div>

FIG. 8

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
<div>OPERATING PARAMETERS</div> <div>SPEED IN INCHES LASER</div> <div>PER SECOND SCALE FACTOR</div> <div>1 2</div>	
<div>PATTERN SCALE FACTORS</div> <div>X 3 Y 4</div>	
<div>PATTERN DIMENSION ON LASER</div> <div>X 9 Y 6</div>	
<div>DRAWING DIRECTION</div> <div><input type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div>	
<div>DRAW COLOR CHANGE</div> <div><input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div>	
<div>BOUNDARY LENGTH</div> <div>0.7 INCHES</div>	
<div><input checked="" type="checkbox"/> MINIMISE BOUNDARY</div> <div>RANDOM NUMBER</div> <div>SEED</div> <div>13776</div>	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE	
1	<input type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>
5	<input type="checkbox"/>
6	<input type="checkbox"/>
7	<input type="checkbox"/>
8	<input type="checkbox"/>
9	<input type="checkbox"/>
10	<input type="checkbox"/>
11	<input type="checkbox"/>
12	<input type="checkbox"/>
13	<input type="checkbox"/>
14	<input type="checkbox"/>
15	<input type="checkbox"/>

PREVIEW DISPLAY

☐ COLOR
☒ GRAYSCALE
☐ REVERSE

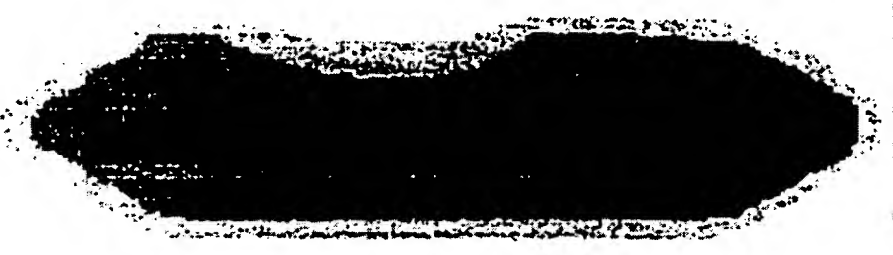


FIG. 9

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
<div>OPERATING PARAMETERS</div> <div>SPEED IN INCHES LASER</div> <div>PER SECOND SCALE FACTOR</div> <div>1 2</div>	
<div>PATTERN SCALE FACTORS</div> <div>X 3 Y 4</div>	
<div>PATTERN DIMENSION ON LASER</div> <div>X 9 Y 6</div>	
<div>DRAWING DIRECTION</div> <div><input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div>	
<div>DRAW COLOR CHANGE</div> <div><input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div>	
<div>BOUNDARY LENGTH</div> <div>0.7 INCHES</div>	
<div><input checked="" type="checkbox"/> MINIMISE BOUNDARY</div> <div>RANDOM NUMBER</div> <div>SEED</div> <div>13776</div>	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

PREVIEW DISPLAY

☐ COLOR

☒ GRAYSCALE

☐ REVERSE

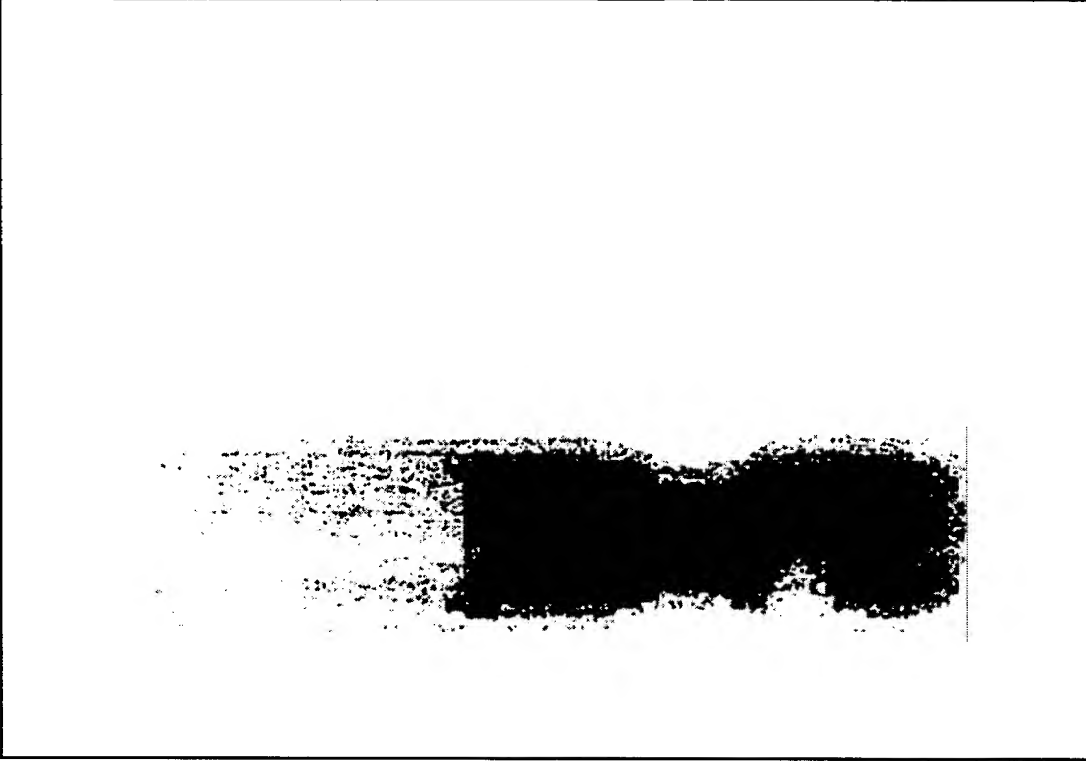
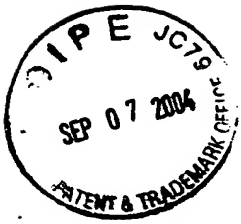


FIG. 10



10/13

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
<div>OPERATING PARAMETERS SPEED IN INCHES LASER PER SECOND SCALE FACTOR 1 2</div> <div>PATTERN SCALE FACTORS X 3 Y 4</div> <div>PATTERN DIMENSION ON LASER X 9 Y 6</div> <div>DRAWING DIRECTION <input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL</div> <div>DRAW COLOR CHANGE <input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC</div> <div>BOUNDARY LENGTH 0.7 INCHES</div> <div><input checked="" type="checkbox"/> MINIMISE BOUNDARY RANDOM NUMBER SEED 13776</div> <div>EDIT PATTERN FILE SAVE CONTROL FILES SAVE PATTERN FILE CHANGE VERSION PREVIEW EXIT</div>	
<div>POWER PROFILE 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15</div> <div>PREVIEW DISPLAY <input type="radio"/> COLOR <input checked="" type="radio"/> GRAYSCALE <input type="radio"/> REVERSE</div>	

FIG. 11

TECHNOBLAST - POWER MODIFICATION	
PATTERN FILES	LEFT PPX
OPERATING PARAMETERS SPEED IN INCHES LASER PER SECOND SCALE FACTOR 1 2	
PATTERN SCALE FACTORS X 3 Y 4	
PATTERN DIMENSION ON LASER X 9 Y 6	
DRAWING DIRECTION <input checked="" type="radio"/> HORIZONTAL <input type="radio"/> VERTICAL	
DRAW COLOR CHANGE <input checked="" type="radio"/> RANDOM <input type="radio"/> DETERMINISTIC	
BOUNDARY LENGTH 0.7 INCHES	
<input checked="" type="checkbox"/> MINIMISE BOUNDARY RANDOM NUMBER 13776	
EDIT PATTERN FILE	SAVE CONTROL FILES
SAVE PATTERN FILE	CHANGE VERSION
PREVIEW	EXIT

POWER PROFILE	
1	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input checked="" type="checkbox"/>
4	<input checked="" type="checkbox"/>
5	<input checked="" type="checkbox"/>
6	<input checked="" type="checkbox"/>
7	<input checked="" type="checkbox"/>
8	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>
10	<input checked="" type="checkbox"/>
11	<input checked="" type="checkbox"/>
12	<input checked="" type="checkbox"/>
13	<input checked="" type="checkbox"/>
14	<input checked="" type="checkbox"/>
15	<input checked="" type="checkbox"/>

PREVIEW DISPLAY	
<input type="radio"/> COLOR	
<input checked="" type="radio"/> GRAYSCALE	
<input type="radio"/> REVERSE	

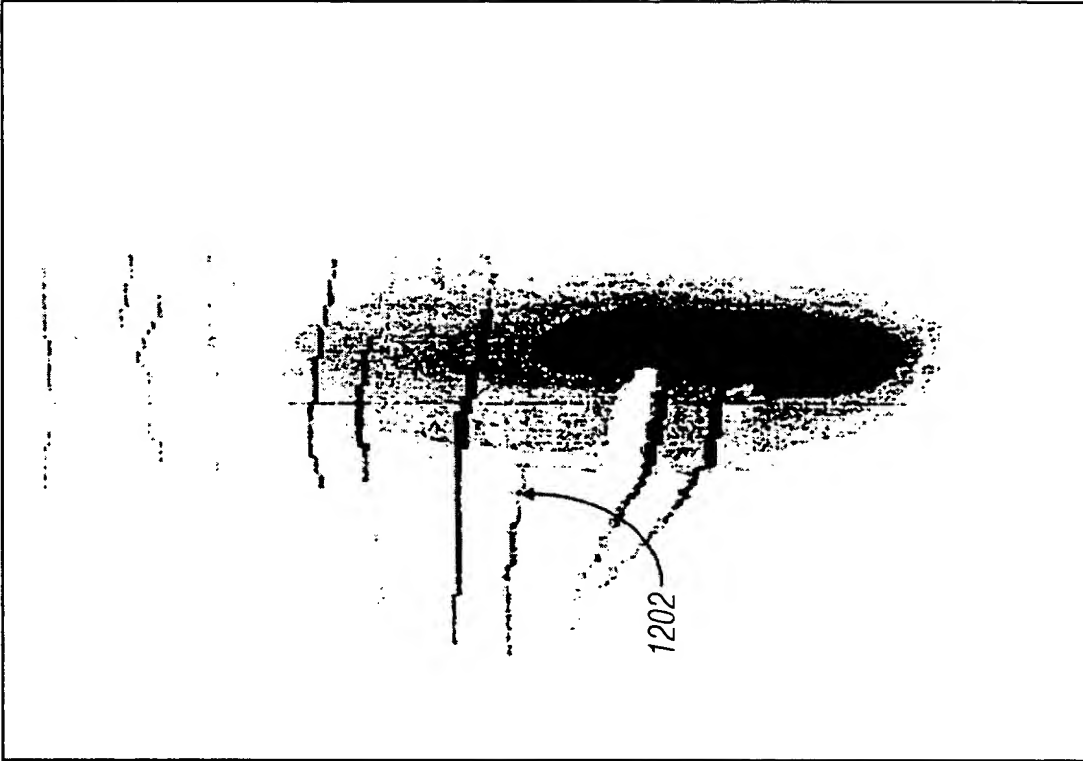


FIG. 12

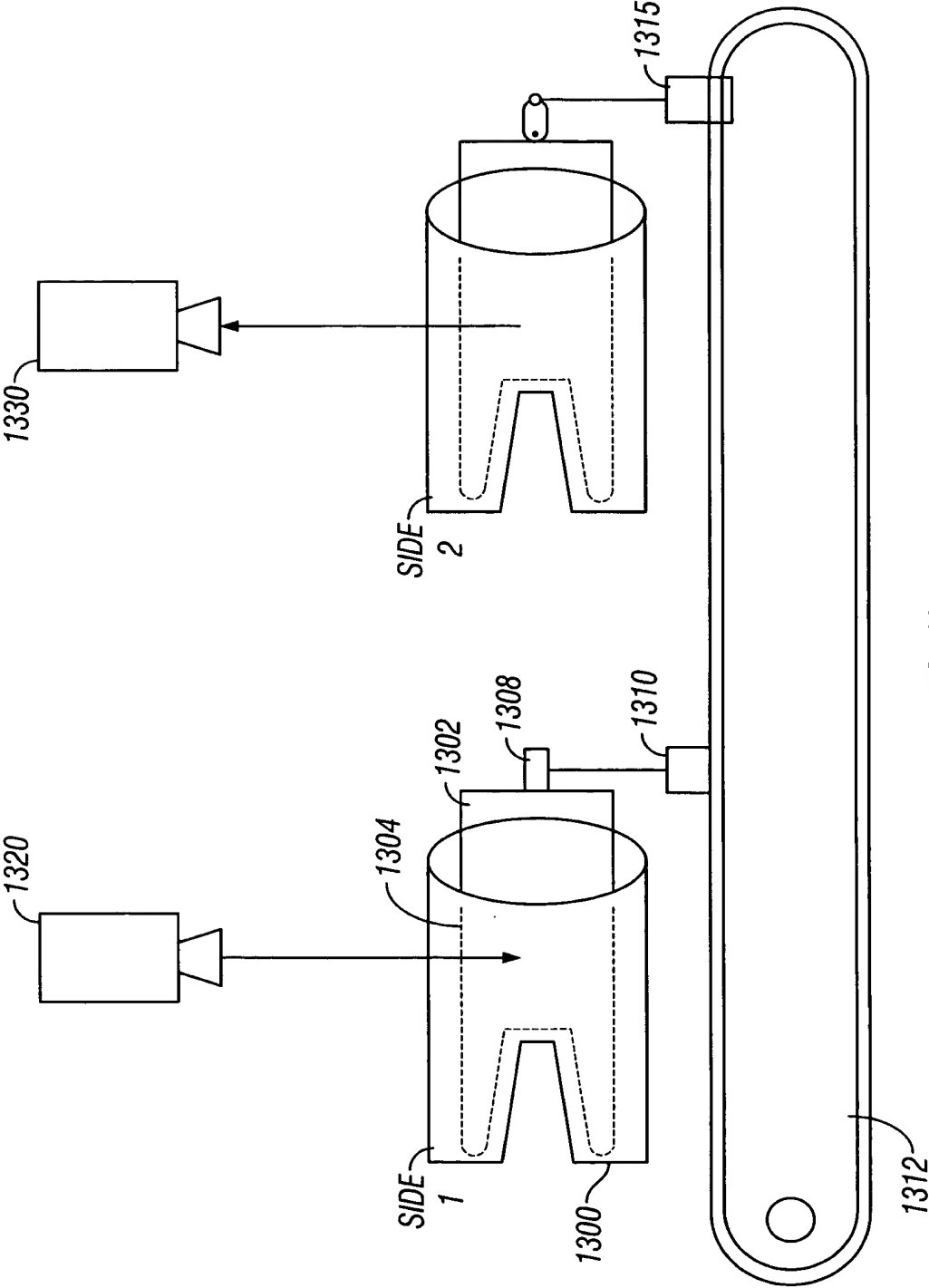


FIG. 13

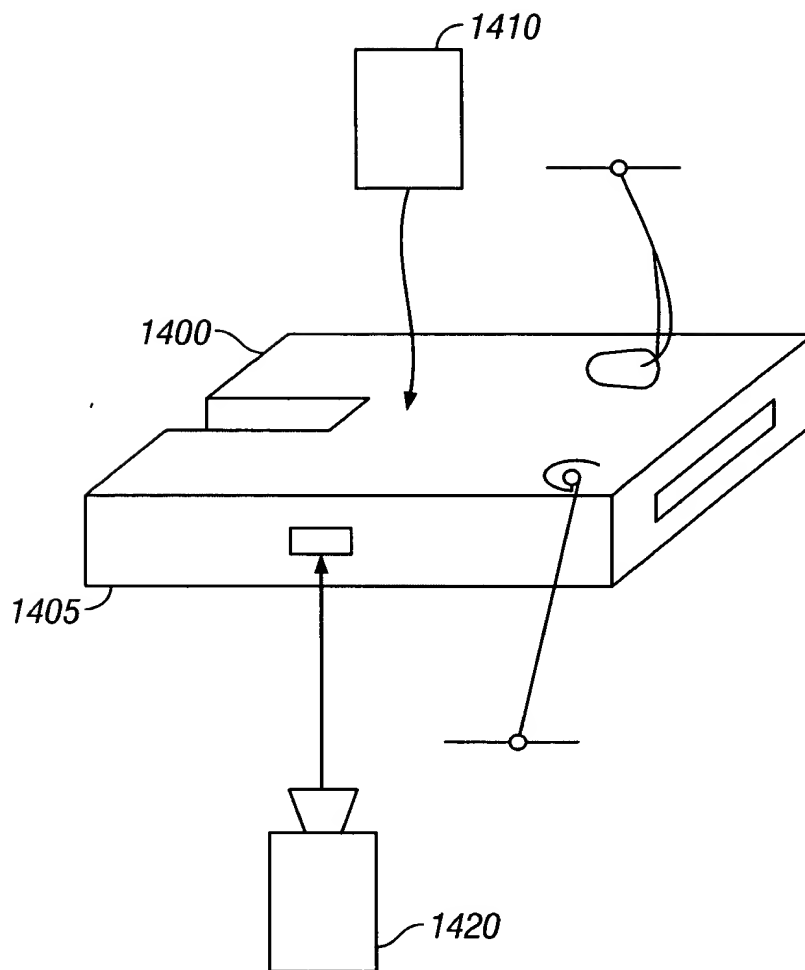


FIG. 14

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.